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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/026,600	12/20/2001	Ming-Hsiao Hsieh	56788 (71987)	9595

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EDWARDS & ANGELL, LLP
P.O. BOX 55874
BOSTON, MA 02205

EXAMINER

ALAUBAIDI, HAYTHIM J

ART UNIT	PAPER NUMBER
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2171

DATE MAILED: 05/19/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Page

Office Action Summary	Application No. 10/026,600	Applicant(s) HSIEH, MING-HSIAO	
	Examiner Haythim J. Alaubaidi	Art Unit 2171	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This communication is a First Non-Final Office Action in response to Application No. 10/026600, Filed on December 20, 2001.
2. Claims 1-11 are presented for examination, of which claims 1 and 7 are independent.
3. Claims 1-5 and 7-10, are rejected under 35 U.S.C. 102(e).
4. Claims 6 and 11, are rejected under 35 U.S.C. 103(a).

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-5 and 7-10, are rejected under 35 U.S.C. 102(e) as being anticipated by Kazuhiro Shitama (U.S. Patent Application Publication No. 2003/0149601 and Shitama hereinafter).

Regarding Claims 1 and 7, shitama discloses;

(1) submitting a connection request via a terminal device to the server; (figure 1, elements 50, 20, 40 and 10 and corresponding text; see also Page 1, Para 0012)

(2) determining via the server if to accept the connection request from the terminal device; wherein if the request is accepted, step (3) is proceeded; or else, the step (2) is returned; (figure 3, elements S2-S4 and corresponding text)

(3) storing an IP (Internet protocol) address of the terminal device that submits the connection request via the server into an IP address temporary storage area; (Pages 2-3, Paragraph 0036; see also Pages 3-4, Paragraphs 0056 and 0059)

(4) starting timing via the server and determining if counted time reaches a preset time value of data retrieval that is pre-stored in the server; wherein if the preset time value is reached, step (5) is proceeded; or else, the step (4) is returned; (Figure 5, Element SS4; see also Figure 6 and corresponding text)

(5) executing one-time data retrieval via the server for retrieving data from a database, and transmitting the retrieved data to the terminal device whose IP address is stored in the IP address temporary storage area; and (Figure 5, Elements SS1-SS5 and corresponding text; see also Figure 7, Elements SQ1-SQ3 and corresponding text)

(6) requesting via the terminal device for terminating connection to the server upon receiving the retrieved data, allowing the server to stop transmitting data to the terminal device (Figure 6, Element SP4 and corresponding text; see also Figure 7, Element SQ4 and corresponding text).

Regarding Claims 2-4 and 8-10, shitama discloses TCP and UDP (Page 3, Paragraph 0055; see also Page 4, Paragraphs 0068 and 0070).

Regarding Claim 5, shitama discloses wherein the database is established in an auto-controls device, for storing data generated during operation of the auto-control device Figure 2, Elements 31 and 35 and corresponding text).

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 6 and 11, are rejected under 35 U.S.C. 103(a) as being unpatentable over Kazuhiro Shitama (U.S. Patent Application Publication No. 2003/0149601 and Shitama hereinafter).

Regarding Claims 6 and 11, shitama discloses all of the claimed subject matter set forth above, except the reference does not explicitly indicate the step displaying the data, however Official Notice is taken that displaying data in a database environment is a well known feature in the database art. Given the intended broad application of shitama's reference, it would have been obvious to a person of ordinary skill in the art at the time of Applicant's invention to modify the teachings of shitama by adding the

display feature in order to allow a user to monitor the process of data or to increase the systems usability and flexibility through the use of a display.

Other Prior Art Made of Record

9. a. Sitaraman et al. (U.S. Patent No. 6427170) discloses an integrated IP address management; and
b. Cabral (U.S. Patent Application Publication No. 2003/0149601) discloses a network billboard system and method thereof

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure.

Points of Contact

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haythim J. Alaubaidi whose telephone number is (703) 305-1950. The examiner can normally be reached on Monday - Friday from 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic, can be reached on (703) 308-1436.

Any response to this office action should be mailed to:

The Commissioner of Patents and Trademarks, Washington, D.C. 20231 or telefax at
our fax number (703) 872-9306.

Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive, 6th
Floor Receptionist, Arlington, Virginia. 22202.

Haythim J. Alaubaidi

Patent Examiner
Technology Center 2100
May 14, 2004


SAFET METJAHIC
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100